

ABSTRACT

5 This invention provides a hydraulic reinforcing material
(unhardened substance) itself, and a reinforcing material
(hardened substance) itself obtained by hardening the hydraulic
reinforcing material which are useful for reinforcing/repairing
a construction, and for manufacture of a reinforcing structural
element to serve as a component structure of a construction;
10 method for producing such a reinforcing material; a
reinforcing/repairing method consisting of applying said
reinforcing material to a construction or natural object, and a
structure useful for such reinforcement/repair; and a
structural element (structural component) incorporating the
15 reinforcing material. The hydraulic reinforcing material
(unhardened substance) comprises reinforcing fiber and
unhardened, dry hydraulic inorganic powder bound together
through an organic binder. The hydraulic reinforcing material
has a flexibility before it contacts with water, and hardens on
20 contact with water. The hydraulic reinforcing material
effectively reinforces/repairs a construction, by being applied
on its application surface, being laid below concrete placed on
the application surface, or serving as a reinforcing material
of structural elements.

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